

Docket No. 251581US2CONT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hiroyuki SUHARA, et al.

SERIAL NO: 10/820,733

GAU: 2872

FILED: April 9, 2004

EXAMINER:

FOR: OPTICAL SCANNING LENS, OPTICAL SCANNING DEVICE AND IMAGE FORMING APPARATUS

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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### LIST OF RELATED CASES

<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Inventor/ Applicant</u>
PER CLIENT	10/127,768	04/23/02	UNKNOWN
PER CLIENT	6,497,474	12/24/02	IRINODA et al.
PER CLIENT	6,485,126	11/26/02	KATO et al.
PER CLIENT	6,317,246	11/13/01	HAYASHI et al.
PER CLIENT	09/955,181	09/19/01	UNKNOWN
PER CLIENT	10/058,446 -	01/28/02	MASUDA -
PER CLIENT	6,384,949	05/07/02	SUZUKI
PER CLIENT	6,417,509	07/09/02	ATSUUMI et al.
PER CLIENT	10/053,272 -	01/17/02	HAYASHI
PER CLIENT	6,704,129	03/09/04	SAKAI et al.
PER CLIENT	6,229,638	05/08/01	SAKAI et al.
PER CLIENT	6,369,927	04/09/02	HAYASHI
PER CLIENT	6,445,482	09/03/02	HAYASHI
PER CLIENT	6,747,818	06/08/04	OHASHI et al.
PER CLIENT	6,381,057	04/30/02	ITABASHI
PER CLIENT	6,233,081	05/15/01	SUZUKI et al.
PER CLIENT	6,359,717	03/19/02	SUZUKI et al.
PER CLIENT	6,347,004	02/12/02	SUZUKI et al.
PER CLIENT	6,256,133	07/03/01	SUZUKI et al.
PER CLIENT	6,376,837	04/23/02	ITABASHI et al.
0557-4969-2	09/552,657	04/19/00	NAKAJIMA
0557-4185-2	6,104,522	08/15/00	HAYASHI et al.

\*Present Application; listed for information  
GJM/akh

0557-4717-2 CONT	6,188,086	02/13/01	MASUDA et al.
0557-4950-3	6,690,404	02/10/04	SHIMADA et al.
192377US2	6,469,772	10/22/02	ITABASHI
192630US2	6,400,391	06/04/02	SUHARA et al.
193458US2	6,388,792	05/14/02	ATSUUMI et al.
196671US2	6,448,998	09/10/02	SUZUKI et al.
196681US2	6,509,995	01/21/03	SUZUKI et al.
198004US2	09/678,611	10/04/00	SAKAI et al.
198472US2	6,498,617	12/24/02	ISHIDA et al.
199759US2	6,700,687	03/02/04	ITABASHI
200097US2	09/716,949	11/22/00	ATSUUMI et al.
202114US2	09/765,608	01/22/01	HAYASHI et al.
202132US2	6,429,956	08/06/02	ITABASHI
202462US2	09/769,510	01/26/01	NAKAJIMA et al.
203045US2	6,596,985	07/22/03	SAKAI et al.
204223US2 DIV	6,400,917	06/04/02	NAKAZATO et al.
204555US2	6,624,920	09/23/03	ITABASHI
205056US2	6,657,761	12/02/03	SUZUKI et al.
205447US2	09/827,097	04/06/01	ONO et al.
205585US2	6,462,853	10/08/02	HAYASHI
206009US2	6,621,512	09/16/03	NAKAJIMA et al.
206606US90	09/860,520	05/21/01	HAYASHI
209412US2	09/873,256	06/05/01	EMA et al.
210290US3	09/888,600	06/26/01	ANDOH et al.
211132US2	6,587,245	07/01/03	HAYASHI

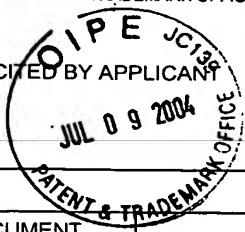
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GJM/akh

213622US2	6,757,089	06/29/04	HAYASHI
214627US2	09/968,546	10/02/01	HAYASHI et al.
215055US2	6,686,946	02/03/04	MASUDA et al.
215144US2	09/982,831	10/22/01	HAYASHI et al.
217049US2	10/028,698	12/28/01	HAYASHI
217784US2	10/047,698	01/18/02	SUZUKI
218097US2	10/059,371	01/31/02	ONO
218135US2	10/047,092	01/17/02	ATSUUMI
220084US2	10/084,485	02/28/02	NAKAJIMA
220221US2	6,657,765	12/02/03	HAYASHI et al.
220455US2	6,573,921	06/03/03	HAYASHI
220675US2	6,731,317	05/04/04	EMA et al.
220775US2 DIV	6,744,545	06/01/04	SUHARA et al.
221144US2	6,707,480	03/16/04	AMEYAMA et al.
222017US2	10/161,659	06/05/02	SUZUKI et al.
222690US2	10/161,756	06/05/02	ATSUUMI et al.
224826US2	10/183,748	06/28/02	NIHEI et al.
225388US2	10/207,241	07/30/02	SUZUKI et al.
225699US2	10/200,778	07/24/02	AMADA et al.
226636US2	10/214,559	08/09/02	ISHIDA et al.
227281US2	10/223,294	08/20/02	SATOH et al.
228051US2	10/242,710	09/13/02	HAYASHI et al.
228825US2	10/259,769	09/30/02	OMORI et al.
229481US2	10/278,916	10/24/02	SUZUKI et al.
229558US2	10/278,878	10/24/02	SUZUKI et al.

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GJM/akh

231388US2	10/319,624	12/16/02	ONO et al.
231466US2 CONT	10/315,183	12/10/02	SUHARA
231982US2	10/323,837	12/20/02	SUZUKI et al.
232664US2	10/345,365	01/16/03	KAWAMURA et al.
233121US2	10/347,746	01/22/03	SUZUKI et al.
234715US2	10/382,530	03/07/03	HAYASHI et al.
234788US2	10/382,489	03/07/03	TAKANASHI et al.
235554US2	10/395,128	03/25/03	HAYASHI et al.
237689US2	10/438,065	05/15/03	SAKAI et al.
240200US2	10/617,033	07/11/03	AMADA et al.
241638US2	10/642,173	08/18/03	ONO et al.
251581US2 CONT*	10/820,733	04/09/04	SUHARA et al.

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 251581US2CONT		SERIAL NO. 10/820,733	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Hiroyuki SUHARA, et al.			
				FILING DATE April 9, 2004		GROUP 2872	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	US 2002/0101642	08/01/02	MASUDA			
	AB	US 2002/0105707	08/03/02	HAYASHI			
	AC	6,497,474	12/24/02	IRINODA et al.			
	AD	6,485,126	11/26/02	KATO et al.			
	AE	6,317,246	11/13/01	HAYASHI et al.			
	AF	6,384,949	05/07/02	SUZUKI			
	AG	6,417,509	07/09/02	ATSUUMI et al.			
	AH	6,704,129	03/09/04	SAKAI et al.			
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	AM	6,381,057	04/30/02	ITABASHI			
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<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
	AO				YES	NO	
	AP						
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<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW						
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	AZ						<input type="checkbox"/> Additional References sheet(s) attached
Examiner					Date Considered		
<small>*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

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LIST OF REFERENCES CITED BY APPLICANT		APPLICANT		Hiroyuki SUHARA, et al.			
		FILING DATE		GROUP			
		April 9, 2004		2872			
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